

Day -1

Grow cultures of desired bacteria

Day 1

1. Allow nutrient plates to warm up to room temperature. Label everything
2. Take 150 uL of overnight culture and spread it on a nutrient plate
3. Take a Whatman disk and dip it in appropriate solution. Place the disk at the center of the nutrient plate.
 - a. Positive Control: Ampicillin (1 mg/mL) or Kanamycin (1 mg/mL), depending on species
 - b. Negative Control: MBP eluent
 - c. Testing samples: Protein eluent
4. Incubate plates at appropriate temperature overnight

Day 2

Measure diameter of halo around the disk. If not circular, take the average of three diameters.